

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Examiner: To be Assigned
Stephen H. BARTELMEZ, et al.)	Art Unit: To be Assigned
Application Serial No. To be Assigned)	Parent Serial No. 09/490,520
Filed: Herewith)	Parent Filed: January 25, 2000
For: ANTI-TRANSFORMING FROWTH)	Attorney's Docket No. 37932-0002 D1
FACTOR BETA (TGF-BETA))	
TREATED STEM CELL)	Customer No. 25213
COMPOSITION AND METHOD)	

EXPRESS MAIL LABEL NO. EV 346 723 811 US
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Applicants wish to bring to the attention of the Patent Office the references listed on the attached Form PTO-1449 and request that they be considered by the Examiner. Each of the references listed on the attached Form PTO-1449, was previously cited by or submitted to the PTO in prior Application Serial No. 09/490,520, filed January 25, 2000, therefore copies are not enclosed.

This Information Disclosure Statement is being filed under 37 C.F.R. §1.97(b)(3), therefore no fee is due. The Commissioner is authorized to charge any fees which may be required under 37 CFR §1.16 or §1.17, to Deposit Account No. 08-1641, referencing Attorney's Docket No. 37932-0002 D1.

Respectfully submitted,

Date: July 9, 2003

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Form PTO-1449				Attorney's Docket No. 37932-0002 D1		Application Serial No. To be Assigned	
INFORMATION DISCLOSURE STATEMENT				Applicant(s) Stephen H. BARTELMEZ, et al.			
<i>(use several sheets if necessary)</i>				Filing Date: July 9, 2003		Art Unit: To be Assigned	
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date (if appropriate)
	1.*	10/1991	5,061,620	Tsukamoto, et al.			
	2.*	9/1999	5,958,774	Klein, et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Translation
	3.*	9/1994	WO 94/18991	PCT			YES NO
	4.*	6/1996	WO 96/19567	PCT			
OTHER DOCUMENTS <i>(including author, title, date, pertinent pages, etc.)</i>							
Examiner Initials	Ref. No.	Title					
	5.*	Dasch, J.R. et al., "Monoclonal Antibodies Recognizing Transforming Growth Factor Beta", <i>J. Immunology</i> - 142(5):1536-1541 (1989)					
	6.*	Fortunel, N. et al., "Release from Quiescence of Primitive Human Hematopoietic Stem/Progenitor Cells by Blocking Their Cell-Surface TGF-Beta Type II Receptor in a Short-Term In Vitro Assay", <i>Stem Cells</i> - 18(2):102-111 (2002)					
	7.*	Hatzfeld, A., et al., "Increased Stable Retroviral Gene Transfer in Early Hematopoietic Progenitors Released from Quiescence", <i>Human Gene Therapy</i> - 7:207-213 (1996)					
	8.*	Herlyn, M. et al., "Growth-Regulatory Factors for Normal, Premalignant, and Malignant Human Cells In Vitro", <i>Adv. in Cancer Research</i> - 54:213-234 (1990)					
	9.*	Imbert, A.M., et al., "A Neutralizing Anti-TGF-β1 Antibody Promotes Proliferation of CD34 ⁺ Thy-1 ⁺ Peripheral Blood Progenitors and Increases the Number of Transduced Progenitors", <i>Exper Hemat</i> - 26:374-381 (1998)					
	10.*	Jordan, C.T. et al., "Cellular and Developmental Properties of Fetal Hematopoietic Stem Cells", <i>Cell</i> - 61:953-963 (1990)					
	11.*	Ploemacher, R.E., et al., "Autocrine Transforming Growth Factor β ₁ Blocks Colony Formation and Progenitor Cell Generation by Hemopoietic Stem Cells Stimulated With Steel Factor", <i>Stem Cells</i> - 11:336-347 (1993)					
	12.*	Sitnicka, E., et al., "Transforming Growth Factor β ₁ Directly and Reversibly Inhibits the Initial Cell Divisions of Long-Term Repopulating Hematopoietic Stem Cells", <i>Blood</i> - 88(1):82-88 (1996)					
	13.*	Soma, T., et al., "Maintenance of Murine Long-Term Repopulating Stem Cells in Ex Vivo Culture is Affected by Modulation of Transforming Growth Factor-β but not Macrophage Inflammatory Protein-1α Activities," <i>Blood</i> - 87(11):4561-4567 (1996)					
	14.*	Wang, X.F. et al., "Expression Cloning and Characterization of the TGF-Beta Type III Receptor", <i>Cell</i> - 67:797-805 (1991)					
	15.*	Waegell, W.O., et al., "Growth Acceleration and Stem Cell Expansion in Dexter-Type Cultures by Neutralization of TGF-β", <i>Exper Hemat</i> - 22:1051-1057 (1994)					
	16.*	Waegell, W.O. et al., "Neutralizing Antibody to TGF-Beta Overcomes Normal Growth Controls in Long-Term Bone Marrow Cultures", <i>J. Cell. Biochem.</i> - 16(c), Abstract No. M342 (1992)					
	17.*	Yu, J., et al., "Abrogation of TGF-β Activity During Retroviral Transduction Improves Murine Hematopoietic Progenitor and Repopulating Cell Gene Transfer Efficiency", <i>Gene Therapy</i> - 5:1265-1271 (1998)					

EXAMINER:**DATE CONSIDERED:**

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).